



Off-line Standard Magnetization & Surface Magnetic Detection Equipment for Rotor

Application

New energy passenger car motor rotor magnetization and surface magnetic detection equipment

This equipment is suitable for magnetizing and surface magnetic detection (surface magnetic flux density) of motor rotors of new energy passenger vehicles of various sizes .

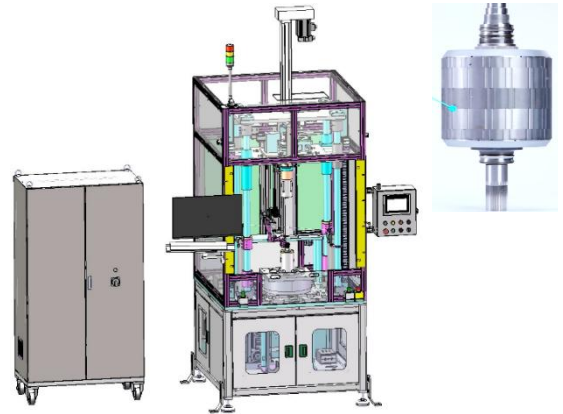
The overall post-magnetization method is adopted, which is safe and efficient, and the magnetic flux detection coil can be embedded in the magnetization coil.

System composition

Including magnetizing equipment, magnetizing power supply, magnetizing coil, chiller, flux meter (optional), surface magnetic detection software, Gauss meter

Features

1. Wide range of rotor compatibility
2. Simple operation, high automation length, and anti-misoperation function
3. Convenient model change + model change trolley (optional)
4. both manual loading and unloading and robot loading and unloading modes
5. The magnetization detection coil is fixed on the table
6. Communication with magnetizing power supply to monitor device status in real time
7. Can embed magnetic flux detection, magnetization + magnetic flux integrated into one



Technical Parameters

project	Technical Parameters	Remark
Input Power	AC220V±5% 50/60Hz	
Input Current	<20A	
Rated Power	<5KW	
Equipment noise	≤75dB	Except for the moment of magnetization
Device size	Machine length, width and height: 1100×1160×2350mm The length, width and height of the electric cabinet are about: 900×500×1600mm	
Equipment weight	<1500kg	
Changeover time	≤30min	Tooling + coil

Usage Environment

1	Ambient temperature: 0°C~40°C;
2	Ambient humidity < 80% (no condensation);



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3	Plant height (column top height): 3.5m;
4	Ground load: >2 tons/m ² ;
5	Factory equipment transportation door size: width 1500 × height 2500mm;
6	Gas source: air pressure 0.4~0.6Mpa, flow rate 0.3m ³ /min;
7	No dust, no oil smoke, no salt, no dripping water;
8	Avoid direct sunlight;
9	No flammable, corrosive liquids and gases;
10	No shock and high-frequency vibration;
11	Use location: Open workshop environment.

Action Flow

